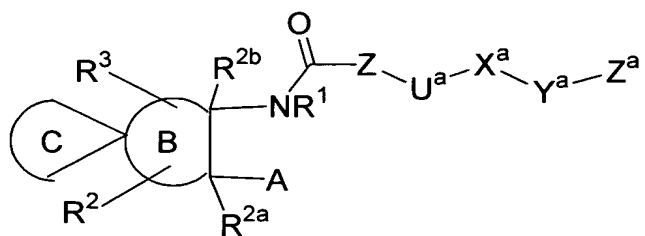


ABSTRACT

The present application describes novel spiro-cyclic β -amino acid derivatives of formula I:



5

I

or pharmaceutically acceptable salt forms thereof,
 wherein ring B is a 3-13 membered carbocycle or
 heterocycle, ring C forms a 3-11 membered spiro-
 carbocycle or spiro-heterocycle on ring B, and the other
 10 variables are defined in the present specification, which
 are useful as as matrix metalloproteinases (MMP), TNF- α
 converting enzyme (TACE), and/or aggrecanase inhibitors.